HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards			
Medication Management						
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node			
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication			
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions			
			Catalog, Release 1, February 2008			
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141			
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007			
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-			
			T Recommendation X.1142, February 2005			
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication			
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT)			
	SC114 Administrative Transport to		Integration Profile			
	Health Plan	SC109 - Security Audit Collaboration	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for			
			Comment* (RFC) #1305, March, 1992			
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October,			
			1996			
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node			
		117 - Secured Communication Charmer	Authentication (ATNA) Integration Profile, Section 9.1 Authentication			
			Council for Affordable Quality Healthcare (CAQH) CORE 270 Connectivity Rule			
		T85 - Administrative Transport to Health Plan	Council of Alfordable Quality Freathcare (CAQT) CONE 270 Conflectivity Nuie			
		,	Council for Affordable Quality Healthcare (CAQH) CORE 153 Connectivity Rule			
			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N) Addenda 004010X92A1			
0.4.04.4.7			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N)			
CAP117 - Communicate			Implementation Guides Version Reference Numbers 004010X92			
Ambulatory and Long			Accredited Standards Committee (ASC) X12 270 Transaction Version Standards Release 004010			
Term Care			Accredited Standards Committee (ASC) X12 271 Transaction Version Standards Release 004010			
Prescription	T40 - Patient Health Plan Eligibility	None	Council for Affordable Quality Health Care (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase I Operating			
Specification	Verification	INOTIE	Rules			
			Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #258			
			Normalizing Last Name Rule v2.0.0			
			Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #259 AAA Error Code Reporting Rule v2.0.0			
			Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #260 Eligibility			
			Data Content Rule v2.0.0			
			Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI)			
			Drug Enforcement Administration (DEA) Prescriber Number			
	T42 - Medication Dispensing	TP43 - Medication Orders	Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of			
	Status	11743 - Medication Orders	the United States, and Associated Areas Publication # 5-2, May, 1987			
			Health Care Provider Taxonomy			
			National Council for Prescription Drug Programs (NCPDP) SCRIPT Standard Implementation Guide Version 8.1 or 10.1			
			Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI) Drug Enforcement Administration (DEA) Prescriber Number			
			Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of			
			the United States, and Associated Areas Publication # 5-2, May, 1987			
	TP43 - Medication Orders	None	Federal Medication Terminologies			
			Health Care Provider Taxonomy			
			Health Level Seven (HL7) Version 2.5/2.5.1 – Pharmacy/Treatment Orders (OMP)			
			National Council for Prescription Drug Programs (NCPDP) SCRIPT Standard Implementation Guide Version 10.1			

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N) Addenda 004010X92A1
			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N)
	TP46 - Medication Formylary and	None	Implementation Guides Version Reference Numbers 004010X92
	Benefits Information	Notic	Accredited Standards Committee (ASC) X12 270 Transaction Version Standards Release 004010
			Accredited Standards Committee (ASC) X12 271 Transaction Version Standards Release 004010
			National Council for Prescription Drug Programs (NCPDP) Formulary and Benefits Standard Implementation Guide
			National Council for Prescription Drug Programs (NCPDP) Telecommunication Standard Implementation Guide Version 5.1
			Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI)
			Drug Enforcement Administration (DEA) Prescriber Number
			Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of
	TP43 - Medication Orders	None	the United States, and Associated Areas Publication # 5-2, May, 1987
	io inicalcalion oracio		Federal Medication Terminologies
			Health Care Provider Taxonomy
			Health Level Seven (HL7) Version 2.5/2.5.1 – Pharmacy/Treatment Orders (OMP)
			National Council for Prescription Drug Programs (NCPDP) SCRIPT Standard Implementation Guide Version 10.1
			Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI)
			Drug Enforcement Administration (DEA) Prescriber Number
	T42 - Medication Dispensing	TP43 - Medication Orders	Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of
	Status	The Medication States	the United States, and Associated Areas Publication # 5-2, May, 1987
			Health Care Provider Taxonomy
			National Council for Prescription Drug Programs (NCPDP) SCRIPT Standard Implementation Guide Version 8.1 or 10.1
			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N) Implementation Guides Version Reference Numbers 004010X92
			Accredited Standards Committee (ASC) X12 270 Transaction Version Standards Release 004010
			Accredited Standards Committee (ASC) X12 271 Transaction Version Standards Release 004010
	T40 - Patient Health Plan Eligibility		Council for Affordable Quality Health Care (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase I Operating Rules
	Verification	None	Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #258
			Normalizing Last Name Rule v2.0.0
			Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #259 AAA Error
			Code Reporting Rule v2.0.0
			Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #260 Eligibility Data Content Rule v2.0.0
			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N) Addenda 004010X92A1
			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N)
	TP46 - Medication Formulary and	None	Implementation Guides Version Reference Numbers 004010X92
	Benefits Information		Accredited Standards Committee (ASC) X12 270 Transaction Version Standards Release 004010
			Accredited Standards Committee (ASC) X12 271 Transaction Version Standards Release 004010
			National Council for Prescription Drug Programs (NCPDP) Formulary and Benefits Standard Implementation Guide
			National Council for Prescription Drug Programs (NCPDP) Telecommunication Standard Implementation Guide Version 5.1

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
CAP118 - Communicate Hospital Prescription Specification	SC114 - Administrative Transport to Health Plan	SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141 Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T85 - Administrative Transport to Health Plan	Council for Affordable Quality Healthcare (CAQH) CORE 270 Connectivity Rule Council for Affordable Quality Healthcare (CAQH) CORE 153 Connectivity Rule
	SC115 - HL7 Messaging	SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141 Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) extensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
		SC109 - Security Audit	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
Exchange of Clinica	l Data		
	C28 - Emergency Care Summary Document using IHE Emergency Department Encounter Summary (EDES)	None	Integrating the Healthcare Enterprise (IHE) Patient Care Coordination (PCC) - Emergency Department Encounter Summary (EDES), Technical Framework Supplement, Volume I, Revision 3.0, 2007-2008
		C80 - Clinical Document and Message	Health Level Seven (HL7) Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), April 01, 2007 Integrating the Healthcare Enterprise (IHE) Exchange of Personal Health Record Content (XPHR)
	(CCD) C39 - Encounter Message	None	Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas Publication #5-2, May, 1987 Health Level Seven (HL7) Version 2.5 International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS) International Classification of Diseases, 10th Revision, Related Health Problems (ICD-10-CM) International Classification of Diseases, 9th Revision, Clinical Modifications (ICD-9-CM) International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®) Logical Observation Identifiers Names and Codes (LOINC®) National Uniform Billing Committee (NUBC) Uniform Bill Version 1992 (UB-92) Current UB Data Specification Manual Field 22, Patient Discharge Status, Codes Unified Code for Units of Measure (UCUM)
	C48 - Encounter Document Using IHE Medical Summary (XDS-MS)	C83 CDA Content Modules	Health Level Seven (HL7) HL7 Version 3 Standard: Clinical Document Architecture (CDA), Release 2 Integrating the Healthcare Enterprise (IHE) Patient Care Coordination (PCC), Revision 4.0, 2008 - 2009, Cross-Enterprise Sharing of Medical Summaries (XDS-MS) Integration Profile
	C74 - Remote Monitoring Observation Document	C83 CDA Content Modules	Health Level Seven (HL7) Implementation Guide for CDA Release 2.0 Personal Health Monitoring Report (PHMR) DSTU Release 1
		C80 Clinical Document and Message Terminology	ISO/IEEE 11073-10101 Health informatics - Point-of-care Medical Device Communication – Nomenclature
	C75 - Healthcare Associated Infection (HAI) Report	None	Health Level Seven (HL7) HL7 Version 3 Standard: Clinical Document Architecture (CDA), Release 2
	C78 - Immunization Document	C83 - CDA Content Modules	Health Level Seven (HL7) Implementation Guide for CDA Release 2: NHSN Healthcare Associated Infection (HAI) Reports, Release1 Health Level Seven (HL7) HL7 Version 3 Standard: Clinical Document Architecture (CDA), Release 2 Integrating the Healthcare Enterprise (IHE) Patient Care Coordination (PCC) Technical Framework Supplement 2008-2009, Immunization Content (IC), Trial Implementation Version 1.0

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
	C80 - Clinical Document and Message Terminology	C38 - CDA Content Modules	American Medical Association (AMA) Current Procedural Terminology (CPT-4) Accredited Standards Committee (ASC) X12 Standards Release 004010 CDC Race and Ethnicity Code Sets CDC Codes for Vaccine Administered (CVX code) CDC Manufacturers of Vaccines (MVX) CDC Implementation Guide for Immunizations Data Transaction using Version 2.3.1 of the Health Level Seven (HL7) Standard Protocol. Implementation Guide Version 2.2 June 2006 FIPS 5-2, Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas Publication # 5-2, May, 1987 FDA National Drug Code (NDC) FDA Unique Ingredient Identifier (UNII) HL7 Messaging Standard Version 2.5.1 Health Level Seven (HL7) Version 3.0 Vocabulary Human Genome Organization (HUGO) Gene Nomenclature Committee at the European Bioinformatics Institute Gene Names Human Genome Variation Society (HGVS) Description of Sequence Variants – February, 20, 2008 World Health Organization International Classification of Functioning, Disability and Health (ICF) International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®) ISO 3166-1 Codes for the representation of names of countries and their subdivisions: Part 1 Countries Internet Engineering Task Force (IETF) Tags for Identifying Languages, "Request for Comment" (RFC) # 4646, September, 2006 Logical Observation Identifiers Names and Codes (LOINC®) National Center for Biotechnology Information (NCBI) Genetic Reference Sequences National Center for Biotechnology Information (NCBI) Genetic Reference Sequences National Uniform Billing Committee (NUBC) Uniform Bill (UB-04) Current UB Data Specification Manual National Uniform Billing Committee (NUBC) Uniform Bill (UB-04) Current UB Data Specification Manual National Uniform Billing Committee (NUBC) Healthcare Provider Taxonomy Unified Code for Units of Measure (UCUM)
	C83 - CDA Content Modules	C80 - Clinical Document and Message Terminology	VHA National Drug File Reference Terminology (NDF-RT) Formulary Health Level Seven (HL7) HL7 Version 3 Standard: Clinical Document Architecture (CDA), Release 2 Health Level Seven (HL7) Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), April 01, 2007 Health Level Seven (HL7) Implementation Guide for CDA Release 2: History and Physical (H&P) Notes Health Level Seven (HL7) Implementation Guide for CDA Release 2: Consultation Note Integrating the Healthcare Enterprise (IHE) Patient Care Coordination (PCC), Revision 4.0
	C84 - Consult and History & Physical Note	C83 - CDA Content Modules	Health Level Seven (HL7) Implementation Guide for CDA Release 2.0: Consultation Note Health Level Seven (HL7) Implementation Guide for CDA Release 2.0: History and Physical (H&P) Notes
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a) Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross- Enterprise Document Sharing-B (XDS.b)
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
		T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0 Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document
			Media Interchange (XDM) Integration Profile
		T33 - Transfer Documents on Media	OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
			International Organization for Standardization (ISO) Health informatics - 9660 Level 1
			USB Removable Device Type 2.0 (USB Implementers Forum)
	SC112 - Healthcare Document Management	T29 - Notification of Document Availability	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 – 2008, Notification of Document Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions
		SC108 - Access Control	Catalog, Release 1, February 2008
			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0
			OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-
			T Recommendation X.1142, February 2005
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
			Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
		CO440 Potional Identification Management	Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	Integrating the Healthours Enterprise (IHE) IT Infrastructure Technical Francisco 40 exister Audit Tell and No. 1
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile
	C62 - Unstructured Document	C80 - Clinical Document and Message Terminology	International Organization for Standardization (ISO) PDF/A ISO 19005-1b. Document management - Electronic document file format for long-term preservation - Part 1: Use of PDF (PDF/A)
		C83 - CDA Content Modules	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross Enterprise Sharing of Scanned Documents (XDS-SD) Integration Profile

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross-Enterprise Document Sharing-B (XDS.b)
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
		T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
			Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange
CAP120 - Communicate		Too Transfer Decuments on Madie	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document Media Interchange (XDM) Integration Profile
Unstructured		T33 - Transfer Documents on Media	OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
Document Specification			International Organization for Standardization (ISO) Health informatics - 9660 Level 1
Opecinication	SC112 - Healthcare Document		USB Removable Device Type 2.0 (USB Implementers Forum) Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 2008, Notification of Document
	Management	T29 - Notification of Document Availability	Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
		SC109 - Security Audit	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
			Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross-Enterprise Document Sharing-B (XDS.b)
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
		T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
			Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document Media Interchange (XDM) Integration Profile
	SC112 - Healthcare Document	T33 - Transfer Documents on Media	OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
	Management Document		International Organization for Standardization (ISO) Health informatics - 9660 Level 1
			USB Removable Device Type 2.0 (USB Implementers Forum)
		T29 - Notification of Document Availability	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 2008, Notification of Document Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
CAP121 -		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
CAP121 - Communicate			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
Clinical Referral Request			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard: ITU-T X.1141
Specification			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
		SC109 - Security Audit	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
			Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for
			Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	1000
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141 Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
	SC115 - HL7 Messaging	SC109 - Security Audit	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
	T67 - Clinical Referral Request Transport	T17 - Secured Communication Channel TP13 - Manage Sharing of Documents T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008-2009 Document-based Referral Request (DRR)
CAP122 - Retrieve Medical Knowledge Specification	SC111 - Knowledge and Vocabulary	HITSP/T33 Transfer of Documents on Media T17 - Secured Communication Channel T66 - Retrieve Value Set T81 - Retrieval of Medical Knowledge	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
	C19 - Entity Identify Assertion	TP13 Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross- Enterprise User Assertion (XUA) OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141 Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) extensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
	SC113 - Query for Existing Data	SC109 - Security Audit	Organization for the Advancement of Structured Information Standards (OASIS) Simple Object Access Protocol (SOAP) Version 1.1, 1.2 Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
CAP123 - Retrieve Existing Data	OCTTO QUELY TO EXISTING DATA	OCTOS Security Addit	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
Specification			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) Version 3.0 Infrastructure Management - Query Infrastructure, Release 2 DSTU Ballot 1 - September 2008
		TP21 - Query for Existing Data	Health Level Seven (HL7) Version 3.0 Standard: Transport Specification - Web Services Profile, Release 2 Committee Ballot 1 - May 2008
		TP21 - Query for Existing Data	Integrating the Healthcare Enterprise (IHE) Patient Care Coordination (PCC) Technical Framework Supplement 2008 2009, Draft for Trial Implementation, August 22, 2008
			Organization for the Advancement of Structured Information Standards (OASIS) Simple Object Access Protocol (SOAP) Version 1.1, 1.2
		T15 Collect and Communicate Security Audit Trail	Health Level Seven (HL7) Version 3.0 Infrastructure Management - Query Infrastructure, Release 2 DSTU Ballot 1 - September 2008
	TP21 - Query for Existing Data	T16 Consistent Time	Health Level Seven (HL7) Version 3.0 Standard: Transport Specification - Web Services Profile, Release 2 Committee Ballot 1 - May 2008
	11 21 - Query for Existing Data	T17 Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) Patient Care Coordination (PCC) Technical Framework Supplement 2008 – 2009, Draft for Trial Implementation, August 22, 2008 (QED)
		TP30 Manage Consent Directives	Organization for the Advancement of Structured Information Standards (OASIS) Simple Object Access Protocol (SOAP) Version 1.1, 1.2
	C44 - Secure Web Connection	None	Internet Engineering Task Force (IETF) Hypertext Transfer Protocol (HTTP) over Transport Layer Security (TLS) (RFC) #2818, May 2000
	SC108 - Access Control	T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		TP20 - Access Control	Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
CAP124 - Establish Secure Web Access		TP30 - Manage Consent Directives	Organization for the Advancement of Structured Information Standards (OASIS) Simple Object Access Protocol (SOAP) Version 1.1, 1.2
Specification		T15 Collect and Communicate Security Audit Trail	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
	SC109 - Security Audit		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
	30 109 - Security Addit	T16 Consistent Time	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
	T17 - Secured Communication Channel	T15 - Collect and Communicate Security Audit Trail	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
	T18 - View Laboratory Results from a Web Application	C44 - Secure Web Connection C37 - Lab Report Document	Internet Engineering Task Force (IETF) Hypertext Transfer Protocol (HTTP) over Transport Layer Security (TLS) (RFC) #2818, May 2000

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
	C90 - Clinical Genomic Decision Support	C80 - Clinical Document and Message Terminology C83 - CDA Content Modules	Health Level Seven (HL7) Version 3.0 Clinical Genomics; Pedigree, Release 1
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross-Enterprise Document Sharing-B (XDS.b)
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
	SC112 - Healthcare Document Management	T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3 OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
CAP125 - Retrieve Genomic Decision Support Specification		T33 - Transfer Documents on Media	Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document Media Interchange (XDM) Integration Profile OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0 International Organization for Standardization (ISO) Health informatics - 9660 Level 1
		T29 - Notification of Document Availability	USB Removable Device Type 2.0 (USB Implementers Forum) Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 – 2008, Notification of Document Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141 Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
Exchange of Labora	tory and Imaging Data		
	C35 - Lab Result Terminology	None	Health Level Seven (HL7) Version 2.5.1 International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®)
			Logical Observation Identifiers Names and Codes (LOINC®) Unified Code for Units of Measure (UCUM) Health Level Seven (HL7) U.S. Realm - Interoperability Specification: Lab Result Message to EHR (ORU^R01) (HL7 Version 2.5.1)
	C36 - Lab Result Message	C35 - Lab Result Terminology	September, 2007 Health Level Seven (HL7) Version 2.5.1 International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms
	C87 - Anonymize Public Health Case Reporting Data	C80 - Clinical Document and Message Terminology	(SNOMED CT®) Health Level Seven (HL7) Version 3.0 Clinical Genomics; Pedigree, Release 1
		C83 - CDA Content Modules	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0
CAP126 - Communication Lab Results Message Specification	SC115 - HL7 Messaging	SC108 - Access Control	OASIS Standard; ITU-T X.1141 Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
			Organization for the Advancement of Structured Information Standards (OASIS) Simple Object Access Protocol (SOAP) Version 1.1, 1.2
		SC109 - Security Audit	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for
			Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
	T14 - Send Laboratory Result Message	C36 - Lab Result Message	Health Level Seven (HL7) Version 2.5.1
	T24 - Pseudonymize	None	International Organization for Standardization (ISO) Health Informatics Pseudonymization, Unpublished Technical Specification # 25237
	C25 - Anonymize	None	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 International Organization for Standardization (ISO) Health Informatics Pseudonymisation, Unpublished Technical Specification number 25237
	C35 - Lab Result Terminology	None	Health Level Seven (HL7) Version 2.5.1 International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®) Logical Observation Identifiers Names and Codes (LOINC®) Unified Code for Units of Measure (UCUM)
	C37 - Lab Report Document	C35 - Lab Result Terminology	Health Level Seven (HL7) Clinical Document Architecture Release 2 (CDA R2) Integrating the Healthcare Enterprise (IHE) Laboratory Technical Framework Volume 3 (LAB TF-3) Document-based Transactions, Revision 2.0 - For Trial Implementation, August 16, 2007
	C87 - Anonymize Public Health Case Reporting Data	C80 - Clinical Document and Message Terminology C83 - CDA Content Modules	Health Level Seven (HL7) Version 3.0 Clinical Genomics; Pedigree, Release 1
	SC111 - Knowledge and	T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) Common Terminology Services (CTS) Release 1

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
	Vocabulary	T66 - Retrieve Value Set	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008-2009 Sharing Value Sets (SVS) Integration Profile
		T81 - Retrieval of Medical Knowledge	Health Level Seven (HL7) Version 3.0 Context-Aware Information Retrieval Specification: URL Implementation Guide
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement
CAP127 -			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross-Enterprise Document Sharing-B (XDS.b)
Communicate Lab Results Document Specification			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
		T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3
		T33 - Transfer Documents on Media	OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
	SC112 - Healthcare Document Management		Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document Media Interchange (XDM) Integration Profile
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0 International Organization for Standardization (ISO) Health informatics - 9660 Level 1
		T29 - Notification of Document Availability	USB Removable Device Type 2.0 (USB Implementers Forum) Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 – 2008, Notification of Document Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0
			OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile

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waanty managemen	SC111 - Knowledge and Vocabulary	T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T66 - Retrieve Value Set	Health Level Seven (HL7) Common Terminology Services (CTS) Release 1 Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008-2009 Sharing Value Sets (SVS) Integration Profile
		T81 - Retrieval of Medical Knowledge	Health Level Seven (HL7) Version 3.0 Context-Aware Information Retrieval Specification: URL Implementation Guide
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross-Enterprise Document Sharing-B (XDS.b)
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
		T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0 Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange
		T33 - Transfer Documents on Media	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document Media Interchange (XDM) Integration Profile
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
CAP128 -			International Organization for Standardization (ISO) Health informatics - 9660 Level 1
Communicate	SC112 - Healthcare Document		USB Removable Device Type 2.0 (USB Implementers Forum)
Imaging Information	Management	T29 - Notification of Document Availability	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 – 2008, Notification of Document Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
Specification		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
		30 109 - Security Addit Collaboration	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile
	TD00 Observe less vive Describe	TP13 - Manage Sharing of Documents	Interesting the Unable case Fators in AUTE Desire as Tacksian France and Desiring CO
	TP89 - Sharing Imaging Results	TP22 - Patient ID Cross Referencing	Integrating the Healthcare Enterprise (IHE) Radiology Technical Framework Revision 8.0
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
	SC111 - Knowledge and	e and T66 - Retrieve Value Set	Health Level Seven (HL7) Common Terminology Services (CTS) Release 1
	Vocabulary		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008-2009 Sharing Value Sets (SVS) Integration Profile
		T81 - Retrieval of Medical Knowledge	Health Level Seven (HL7) Version 3.0 Context-Aware Information Retrieval Specification: URL Implementation Guide
			American Medical Association (AMA) Current Procedural Terminology (CPT®) Fourth Edition (CPT-4); CPT Evaluation and Management Codes
			Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI)
			Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of
			the United States, and Associated Areas Publication # 5-2, May, 1987
			Federal Medication Terminologies
			Health Level Seven (HL7) Version 2.5
			Health Level Seven (HL7) Version 3.0
	C105 - Patient Level Quality Data		Implementation Guide for CDA Release 2
	Document Using HL7 Quality	C83 CDA Content Modules	Quality Reporting Document Architecture (QRDA)
	Reporting Document Architecture	C80 Clinical Document and Message	Based on HL7 CDA Release 2.0
	(QRDA)	Terminology	CDAR2_QRDA_R1D1_2009MAR
	(3.127.)		International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS)
			International Classification of Diseases, 9th Revision, Clinical Modifications (ICD-9-CM)
			International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®)
			Logical Observation Identifiers Names and Codes (LOINC®)
			National Library of Medicine (NLM) Unified Medical Language System (UMLS) RxNorm
			National Uniform Billing Committee (NUBC) Uniform Bill Version 2007 (UB-04) Current UB Data Specification Manual Field 22, Patient Discharge Status, Codes
			Unified Code for Units of Measure (UCUM)

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
	C25 - Anonymize	None	International Organization for Standardization (ISO) Health Informatics Pseudonymisation, Unpublished Technical Specification number 25237
			American Medical Association (AMA) Current Procedural Terminology (CPT®) Fourth Edition (CPT-4); CPT Evaluation and Management Codes
			Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI)
			Digital Imaging and Communications in Medicine (DICOM) - Part16: Content Mapping Resource
			Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas Publication # 5-2, May, 1987
			Federal Medication Terminologies
			Health Level Seven (HL7) Version 2.5
	C34 - Patient Level Quality Data	None	Health Level Seven (HL7) Version 3.0
	Message	None	International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS)
			International Classification of Diseases, 9th Revision, Clinical Modifications (ICD-9-CM)
			International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®)
			Logical Observation Identifiers Names and Codes (LOINC®)
			National Library of Medicine (NLM) Unified Medical Language System (UMLS) RxNorm
			National Uniform Billing Committee (NUBC) Uniform Bill Version 2007 (UB-04) Current UB Data Specification Manual Field 22, Patient Discharge Status, Codes
			Unified Code for Units of Measure (UCUM) Expressions
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement
CAP129 - Communicate Quality			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross-Enterprise Document Sharing-B (XDS.b)
Measure Data Specification			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
		T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
			Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document
	SC112 - Healthcare Document	T33 - Transfer Documents on Media	Media Interchange (XDM) Integration Profile
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
	Management		International Organization for Standardization (ISO) Health informatics - 9660 Level 1
			USB Removable Device Type 2.0 (USB Implementers Forum)
		T29 - Notification of Document Availability	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 – 2008, Notification of Document Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC. R1-2008. HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions
			Catalog, Release 1, February 2008
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
	I	1	Organization for the Advancement of Structured information Standards (OASIS) WS-110St Version 1.3, March 2007

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		CC400 Cooperate Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
		SC109 - Security Audit Collaboration	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
	SC115 - HL7 Messaging		Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142. February 2005
		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
			Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		TP13 Manage Sharing of Documents	American Society for Testing and Materials (ASTM) Standard Guide for Electronic Authentication of Health Care Information: # E1762-95(2003)
	C26 - Nonrepudiation of Origin	T31 Document Reliable Interchange	European Telecommunications Standards Institute (ETSI) Technical Specification TS 101 903: XML Advanced Electronic Signatures (XadES)
		T33 Transfer of Documents on Media	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement Volume 3 – Document Digital Signature (DSG) Content Profile
		TP13 Manage Sharing of Documents	American Society for Testing and Materials (ASTM) Standard Guide for Electronic Authentication of Health Care Information: # E1762-95(2003)
	C26 - Nonrepudiation of Origin	T31 Document Reliable Interchange	European Telecommunications Standards Institute (ETSI) Technical Specification TS 101 903: XML Advanced Electronic Signatures (XadES)
		T33 Transfer of Documents on Media	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement Volume 3 – Document Digital Signature (DSG) Content Profile
	C106 - Measurement Criteria Document	C80-Clinical Document and Message Terminology	Health Level Seven (HL7) eMeasure: Representation of quality measures in the Health Quality Measures Format (HQMF), Release 1 (Draft Standard for Trial Use)
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
	SC108 - Access Control		Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
CAP130 -			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
Communicate Quality Measure Specification		TP30 - Manage Consent Directives	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
Opecinication	SC109 - Security Audit	T15 Collect and Communicate Security Audit Trail	Health Level Seven (HL7) Version 3.0 Infrastructure Management - Query Infrastructure, Release 2 DSTU Ballot 1 - September 2008
		T16 Consistent Time	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
			Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
	SC111 - Knowledge and	T66 - Retrieve Value Set	Health Level Seven (HL7) Common Terminology Services (CTS) Release 1
	Vocabulary		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008-2009 Sharing Value Sets (SVS) Integration Profile
		T81 - Retrieval of Medical Knowledge	Health Level Seven (HL7) Version 3.0 Context-Aware Information Retrieval Specification: URL Implementation Guide
	T17 - Secured Communication Channel	None	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication

unization		Jacobi Laboratoria	
	C72 - Immunization Message	C80 Clinical Document and Message	Centers for Disease Control and Prevention Implementation Guide for Immunization Data Transactions using Versions 2.3.1 of the Health
		Terminology	Level Seven (HL7) Standard Protocol. Implementation Guide Version 2.2 June 2006
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node
		The Good of the control of the contr	Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) Version 2.3.1 Chapter 2 Control, Chapter 3 Patient Administration
			Health Level Seven (HL7) Version 2.5, Chapter 2 Control, Chapter 3 Patient Administration, Chapter 5 - Query
		TP22 Patient ID Cross-Referencing	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Patient Identifier Cross-Referencing Integration Profile (PIX)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008 - 2009, Pediatric Demographics. Draft for Trial Implementation (August 22, 2008)
			Health Level Seven (HL7) Version 2.5, Chapter 2 Control, Chapter 3 Patient Administration, Chapter 5 - Query
		T23 Patient Demographics Query	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Patient Demographics Query (PDQ) Integration Profile
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008 - 2009, Pediatric Demographics Draft for Trial Implementation (August 22, 2008)
	SC110 - Patient Identification Management	T24 Pseudonymize	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0
			International Organization for Standardization (ISO) Health Informatics Pseudonymization, Unpublished Technical Specification # 25237
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
AP131 - Update Immunization			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
Registry Specification			Integration Profile Integration Profile Integration Profile Integration Profile Integration Profile Integration Profile
	·	ISC109 - Security Audit	integration i fone

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
		OO 100 Occurry Addit	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
	SC115 - HL7 Messaging		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		SC109 - Security Audit	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
		30 109 - Security Addit	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
	T24 - Pseudonymize	None	International Organization for Standardization (ISO) Health Informatics Pseudonymization, Unpublished Technical Specification # 25237
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 Health Level Seven (HL7) Version 2.3.1
	C70 - Immunization Query and Response	C80 Clinical Document and Message Terminology	Centers for Disease Control and Prevention Implementation Guide for Immunizations Data Transaction using Version 2.3.1 of the Health Level Seven (HL7) Standard Protocol. Implementation Guide Version 2.2 June 2006
	C88 - Anonymize Immunizations and Response Management Data	None	International Organization for Standardization (ISO) Health Informatics Pseudonymisation, Unpublished Technical Specification # 25237
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) Version 2.3.1 Chapter 2 Control, Chapter 3 Patient Administration
		TP22 - Patient ID Cross-Referencing	Health Level Seven (HL7) Version 2.5, Chapter 2 Control, Chapter 3 Patient Administration, Chapter 5 - Query Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Patient Identifier Cross-
			Referencing Integration Profile (PIX) Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008 - 2009, Pediatric Demographics,
			Draft for Trial Implementation (August 22, 2008) Health Level Seven (HL7) Version 2.5, Chapter 2 Control, Chapter 3 Patient Administration, Chapter 5 - Query
		T23 - Patient Demographics Query	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Patient Demographics Query (PDQ) Integration Profile
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement 2008 - 2009, Pediatric Demographics, Draft for Trial Implementation (August 22, 2008)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0
	CC440 Potiont Identification	T24 - Pseudonymize	International Organization for Standardization (ISO) Health Informatics Pseudonymization, Unpublished Technical Specification # 25237
	SC110 - Patient Identification Management	SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
CAP132 - Retrieve			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
Immunization Registry Information Specification			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
	20400 County Audi		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile	
		SC109 - Security Audit	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-
			T Recommendation X.1142, February 2005
	SC115 - HL7 Messaging		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		SC109 - Security Audit	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
		30 109 - Security Addit	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		TP13 Manage Sharing of Documents	American Society for Testing and Materials (ASTM) Standard Guide for Electronic Authentication of Health Care Information: # E1762-95(2003)
	C26 - Nonrepudiation of Origin	T31 Document Reliable Interchange	European Telecommunications Standards Institute (ETSI) Technical Specification TS 101 903: XML Advanced Electronic Signatures (XadES)
		T33 Transfer of Documents on Media	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement Volume 3 – Document Digital Signature (DSG) Content Profile
	C70 Immunitation Decument	CO2 CDA Content Madulas	Health Level Seven (HL7) HL7 Version 3 Standard: Clinical Document Architecture (CDA), Release 2
	C78 - Immunization Document	C83 - CDA Content Modules	Integrating the Healthcare Enterprise (IHE) Patient Care Coordination (PCC) Technical Framework Supplement 2008-2009, Immunization Content (IC), Trial Implementation Version 1.0
	C88 - Anonymize Immunizations and Response Management Data	None	International Organization for Standardization (ISO) Health Informatics Pseudonymisation, Unpublished Technical Specification # 25237
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross- Enterprise Document Sharing-B (XDS.b)
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
0.15		T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3
CAP133 - Communicate			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
Immunization			Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document
Summary Specification		T33 - Transfer Documents on Media	Media Interchange (XDM) Integration Profile
Opcomodion.			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			International Organization for Standardization (ISO) Health informatics - 9660 Level 1 USB Removable Device Type 2.0 (USB Implementers Forum)
	SC112 - Healthcare Document	T29 - Notification of Document Availability	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 – 2008, Notification of Document Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
	Management		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard: ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-
			T Recommendation X.1142, February 2005 Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
		,	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
Case Reporting and	Bio-surveillance		
	Reporting Document Architecture	C83 CDA Content Modules C80 Clinical Document and Message Terminology	American Medical Association (AMA) Current Procedural Terminology (CPT®) Fourth Edition (CPT-4); CPT Evaluation and Management Codes Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI) Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas Publication # 5-2, May, 1987 Federal Medication Terminologies
			Health Level Seven (HL7) Version 2.5 Health Level Seven (HL7) Version 3.0 Implementation Guide for CDA Release 2 Quality Reporting Document Architecture (QRDA) Based on HL7 CDA Release 2.0 CDAR2_QRDA_R1D1_2009MAR International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS) International Classification of Diseases, 9th Revision, Clinical Modifications (ICD-9-CM)
			International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®) Logical Observation Identifiers Names and Codes (LOINC®) National Library of Medicine (NLM) Unified Medical Language System (UMLS) RxNorm National Uniform Billing Committee (NUBC) Uniform Bill Version 2007 (UB-04) Current UB Data Specification Manual Field 22, Patient Discharge Status, Codes
	C26 - Nonrepudiation of Origin	TP13 Manage Sharing of Documents	Unified Code for Units of Measure (UCUM) American Society for Testing and Materials (ASTM) Standard Guide for Electronic Authentication of Health Care Information: # E1762-
		T31 Document Reliable Interchange	95(2003) European Telecommunications Standards Institute (ETSI) Technical Specification TS 101 903: XML Advanced Electronic Signatures (XadES)
CAP135 - Retrieve and Populate Form		T33 Transfer of Documents on Media	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Supplement Volume 3 – Document Digital Signature (DSG) Content Profile
Specification	C76 - Case Report Pre-Populate	C80 Clinical Document and Message Terminology	Health Level Seven (HL7) Version 2.5.1
		C83 CDA Content Modules C35 Lab Result Terminology	Health Level Seven (HL7) Version 3.0 Integrating the Healthcare Enterprise (IHE) Quality, Research and Public Health (QRPH) Technical Framework Supplement 2008 – 2009, Drug Safety Content (DSC) Profile, Public Comment, Version 10
	SC108 - Access Control	T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		TP20 - Access Control	Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141 Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-
		TP30 - Manage Consent Directives	T Recommendation X.1142, February 2005 Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T15 Collect and Communicate Security Audit Trail	Health Level Seven (HL7) Version 3.0 Infrastructure Management - Query Infrastructure, Release 2 DSTU Ballot 1 - September 2008
	SC109 - Security Audit	T16 Consistent Time	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
	TP50 - Retrieve Form for Data Capture	None	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement, Retrieve Form for Data Capture (RFD), Draft for Trial Implementation, October 10 2008
	C82 - Emergency Common Alerting Protocol	None	Organization for the Advancement of Structured Information Standards (OASIS) Common Alerting Protocol (CAP) V1.1, October 2005

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions
			Catalog, Release 1, February 2008
			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
CAP136 - Communicate			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
Emergency Alert	SC116 - Emergency Message		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
Specification	Distribution Element		Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
		SC109 - Security Audit Collaboration	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305. March, 1992
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T63 - Emergency Message Distribution	Organization for the Advancement of Structured Information Standards (OASIS) Emergency Data Exchange Language (EDXL) Distribution
		Element	Element (DE) Version 1.0
	C25 - Anonymize	None	International Organization for Standardization (ISO) Health Informatics Pseudonymisation, Unpublished Technical Specification number 25237
			Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas Publication #5-2, May, 1987
			Health Level Seven (HL7) Version 2.5
			International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS)
			International Classification of Diseases, 10th Revision, Related Health Problems (ICD-10-CM)
	C39 - Encounter Message	None	International Classification of Diseases, 9th Revision, Clinical Modifications (ICD-9-CM)
			International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®)
			Logical Observation Identifiers Names and Codes (LOINC®)
CAP137 -			National Uniform Billing Committee (NUBC) Uniform Bill Version 1992 (UB-92) Current UB Data Specification Manual Field 22, Patient Discharge Status, Codes
			Unified Code for Units of Measure (UCUM)
	C41 - Radiology Result Message	None	American Medical Association (AMA) Current Procedural Terminology (CPT®) Fourth Edition (CPT-4)
			Federal Information Processing Standards (FIPS) Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas Publication # 5-2, May, 1987
			Health Level Seven (HL7) Version 2.5
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 3.0
CAP 137 -			International Classification of Diseases, 9th Revision, Clinical Modifications (ICD-9-CM)
Encounter Information Message			International Health Terminology Standards Development Organisation (IHTSDO) Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®)

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
Specification	SC115 - HL7 Messaging	SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008 Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141 Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007 Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005
		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC109 - Security Audit	
		LL17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
CAP138 - Retrieve Pseudonym Specification	T24 - Pseudonymize	None	International Organization for Standardization (ISO) Health Informatics Pseudonymization, Unpublished Technical Specification # 25237
Specification			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0

Emergency				
	C47 - Resource Utilization Message	None	Health Level Seven (HL7) Version 2.54	
			Organization for the Advancement of Structured Information Standards (OASIS) Emergency Data Exchange Language (EDXL) Hospital	
			Availability Exchange (HAVE) Version 1.0	
		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node	
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication	
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions	
			Catalog, Release 1, February 2008	
			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0	
	SC116 - Emergency Message Distribution Element		OASIS Standard; ITU-T X.1141	
CAP139 -			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007	
Communicate			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-	
Resource Utilization			T Recommendation X.1142, February 2005	
Specification		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node	
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication	
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile	
			Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for	
			Comment" (RFC) #1305, March, 1992	
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October,	
			1996	
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node	
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication	
		T63 - Emergency Message Distribution	Organization for the Advancement of Structured Information Standards (OASIS) Emergency Data Exchange Language (EDXL) Distribution	
		Element	Element (DE) Version 1.0	

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards		
Administrative and F	Administrative and Financial				
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication		
			Health Level Seven (HL7) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008		
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141		
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007		
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142, February 2005		
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication		
	SC114 - Administrative Transport	SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile		
	to Health Plan	SC 109 - Security Addit Collaboration	Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992		
			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996		
		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication		
CAP140 -		T85 - Administrative Transport to Health Plan	Council for Affordable Quality Healthcare (CAQH) CORE 270 Connectivity Rule		
Communicate Benefits and			Council for Affordable Quality Healthcare (CAQH) CORE 153 Connectivity Rule		
Eligibility			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N) Addenda 004010X92A1		
			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N) Implementation Guides Version Reference Numbers 004010X92		
			Accredited Standards Committee (ASC) X12 270 Transaction Version Standards Release 004010		
			Accredited Standards Committee (ASC) X12 271 Transaction Version Standards Release 004010		
	T40 - Patient Health Plan Eligibility Verification	None	Council for Affordable Quality Health Care (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase I Operating Rules		
			Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #258 Normalizing Last Name Rule v2.0.0		
			Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #259 AAA Error Code Reporting Rule v2.0.0		
			Council for Affordable Quality Healthcare (CAQH) Committee on Operating Rules for Information Exchange (CORE) Phase II #260 Eligibility Data Content Rule v2.0.0		
			Council for Affordable Quality Healthcare (CAQH) CORE 153 Connectivity Rule		
	TP46 - Medication Formylary and Benefits Information	None	Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N) Addenda 004010X92A1		
			Accredited Standards Committee (ASC) X12 270 and 271 Transaction Standards Version 4010, using the Insurance Subcommittee (X12N) Implementation Guides Version Reference Numbers 004010X92		
			Accredited Standards Committee (ASC) X12 270 Transaction Version Standards Release 004010		
			Accredited Standards Committee (ASC) X12 271 Transaction Version Standards Release 004010		
			National Council for Prescription Drug Programs (NCPDP) Formulary and Benefits Standard Implementation Guide		
			National Council for Prescription Drug Programs (NCPDP) Telecommunication Standard Implementation Guide Version 5.1		
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication		
			Health Level Seven (HLT) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions Catalog, Release 1, February 2008		
		SC108 - Access Control	Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141		
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007		

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-T Recommendation X.1142. February 2005
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
	SC114 - Administrative Transport	SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile
CAP141 -	to Health Plan		Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992
Communicate Referral Authorization			Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
Authorization		T17 - Secured Communication Channel	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		TOE Administrative Tenner and to Useful Disc	Council for Affordable Quality Healthcare (CAQH) CORE 270 Connectivity Rule
		T85 - Administrative Transport to Health Plan	Council for Affordable Quality Healthcare (CAQH) CORE 153 Connectivity Rule
			Accredited Standards Committee (ASC) X12 278 Transaction Version Standards Release 004010
	T68 - Patient Health Plan Authorization Request and	None	Accredited Standards Committee (ASC) X12 278 transactions standard version 4010, using the Insurance Subcommittee (X12N) Addenda 004010X94A1
	Response		Accredited Standards Committee (ASC) X12 278 transactions standard version 4010, using the Insurance Subcommittee (X12N) Implementation Guides Version Reference Numbers 004010X94
CAP142 - Retrieve Communications Recipient Specification	T64 - Identify Communication Recipients	None	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile
Ореспісацоп	TP30 - Manage Consent Directives	TP13-Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
		T31-Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 Volume 2 Supplement 2007 – 2008 Cross-Enterprise Document Sharing-B (XDS.b)
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0 Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 - Registry Stored Query Transaction
		T33-Transfer of Documents on Media	for XDS Profile Supplement [ITI-18]
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0 Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 XCA Supplement
		T17-Secured Communication Channel	OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0 Health Level Seven (HL7) Version 3.0 Privacy Consent related specifications
		T16-Consistent Time	RCMR_RM010001 - Data Consent
		T15-Collect and Communicate Security Audit Trail	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0, Basic Patient Privacy Consents
		C19-Entity Identity Assertion TP20-Access Control	(BPPC) Profile
		11 20-Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0, Section 10 Cross-Enterprise Document Sharing (XDS.a)
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 - Registry Stored Query Transaction for XDS Profile Supplement [ITI-18]
		TP13 - Manage Sharing of Documents	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 XCA Supplement
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Volume 2 Supplement 2007 – 2008 Cross-Enterprise Document Sharing-B (XDS.b)

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
CAP143 - Manage Consumer Preference and			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
Consents Specification		T31 - Document Reliable Interchange	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) 2007-2008 Trial Implementation Supplement Cross-enterprise Document Reliable Interchange (XDR) Release 3
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0 Digital Imaging and Communications in Medicine (DICOM) Part 3.12: Media Formats and Physical Media for Media Interchange
	SC112 - Healthcare Document Management	T33 - Transfer Documents on Media	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 5.0 or later, Cross-Enterprise Document Media Interchange (XDM) Integration Profile
			OASIS ebXML Registry Information Model (RIM) and Registry Services Specification (RS), version 3.0
			International Organization for Standardization (ISO) Health informatics - 9660 Level 1
			USB Removable Device Type 2.0 (USB Implementers Forum) Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (TF) Supplement 2007 – 2008, Notification of Document
		T29 - Notification of Document Availability	Availability Integration Profile, Draft for Trial Implementation, October 10, 2008
		SC108 - Access Control	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node
			Authentication (ATNA) Integration Profile, Section 9.1 Authentication
			Health Level Seven (HLT) V3 RBAC, R1-2008, HL7 Version 3 Standard: Role Based Access Control (RBAC) Healthcare Permissions
			Catalog, Release 1, February 2008
			Organization for the Advancement of Structured Information Standards (OASIS) Security Assertion Markup Language (SAML) Core v2.0 OASIS Standard; ITU-T X.1141
			Organization for the Advancement of Structured Information Standards (OASIS) WS-Trust Version 1.3, March 2007
			Organization for the Advancement of Structured Information Standards (OASIS) eXtensible Access Control Markup Language (XACML), ITU-
			T Recommendation X.1142, February 2005

HITSP Capabilities	HITSP Constructs	Dependencies	Standards Only includes Selected Standards
		SC109 - Security Audit Collaboration	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Consistent Time (CT) Integration Profile Internet Engineering Task Force (IETF) Network Time Protocol (Version 3) Specification, Implementation and Analysis, "Request for Comment" (RFC) #1305, March, 1992 Internet Engineering Task Force (IETF) Simple Network Time Protocol (SNTP) Version 4, "Request for Comment" (RFC) #2030, October, 1996
		SC110 - Patient Identification Management	
			Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework (ITI-TF) Revision 4.0 or later, Audit Trail and Node Authentication (ATNA) Integration Profile, Section 9.1 Authentication
		T64 - Identify Communications Recipients	Integrating the Healthcare Enterprise (IHE) IT Infrastructure Technical Framework, Revision 4.0 or later, Personnel White Pages profile